

Appendix L  
Summary of GIS Data

The Geographic Information System (GIS) data listed in this table provide the basis for many of the analyses and conclusions in this report.							
For further information regarding availability and descriptions of datasets, please contact Diana Stralberg, Placer County Planning Department.							
Theme	Source	Major Attributes	Extent	Contact	Phone	Date	Minimum mapping unit / scale of capture
Base maps							
Landsat TM satellite image (3 spectral bands)	California Department of Forestry and Fire Protection (CDF/FRAP)	3 spectral bands (visual)	Placer, Nevada, El Dorado Counties	Mark Rosenberg, CDF	916-227-2658	1996	30 meters
Color aerial photos (21 flight lines, 298 photos)	Geoimagery	10,000ft x 10,000ft photos, 70mm format, flown June 1999	Placer County, east of Colfax	Diana Stralberg, Placer County	530-889-7470	1999	2.5 ft pixels / 2" = 10,000 ft
Color aerial photos (16 flight lines, 245 photos)	Foothill Associates (flown by Geoimagery)	10,000ft x 10,000ft photos, 70mm format, flown April-June 1999	Placer County, east of Hwy 49	Diana Stralberg, Placer County	530-889-7470	1999	16ft (2ft pixels) / 2" = 10,000 ft
Placer County parcel base map and assessor's tax and landuse data	Placer County Planning Department / Assessor's Office	Assessor's landuse codes, taxability codes, business codes, owner addresses, water agency customers, parks and recreation	Placer County (excluding Roseville)	Diana Stralberg, Placer County	530-889-7470	1998	
Public Land Survey	Teale Data Center	Township/range/section numbers	Placer County	Roger Ewers, Teale Data Center	916-263-1488	1998	
City boundaries	Placer County Planning Department	Roseville, Rocklin, Lincoln, Loomis, Auburn, Colfax boundaries	Placer County	Diana Stralberg, Placer County	530-889-7470	1999	
City spheres of influence	Placer County Planning Department	Roseville, Rocklin, Lincoln, Loomis, Auburn, Colfax spheres of influence	Placer County	Diana Stralberg, Placer County	530-889-7470	1999	
Roads	Teale Data Center	Public roads	Placer, Nevada, El Dorado, Sacramento, Sutter, Yuba and Yolo Counties	Roger Ewers, Teale Data Center	916-263-1488	1996 (1993 roads)	1:100,000
Ecological Subregions	USDA Forest Service (USFS)	Ecological sections and subsections, Miles and Goudey	Placer County	Brian Schwind, USFS	916-454-0805		

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<b>Landuse</b>							
Landuse category	Department of Water Resources	Landuse (including crop types) and water availability	Placer, Sacramento, Sutter, Yuba and Yolo Counties	Steve Turner, DWR	916-653-4041	1993-1998	1:24,000
Government Ownership	Teale, updated with new information from Forest Service	Public ownership	Placer County	Diana Stralberg, Placer County	530-889-7470	1999	1:100,000
Placer County Composite General Plan	Placer County Planning Department	General plan landuse designations from Placer County General Plan, County community plans and City general plans (original and generalized designations)	Placer County	Diana Stralberg, Placer County	530-889-7470	2000	
Sacramento Area General Plans	Sacramento Area Council of Governments (SACOG)	General plan landuse designations	Sacramento, Yolo, Sutter, Yuba, El Dorado and Placer Counties	Ken Gebert, SACOG	916-733-3215		
Nevada County General Plan	Nevada County GIS Division	General plan landuse designations	Nevada County	Diana Carolan, Nevada County	530-265-1411		
Williamson Act Properties	Placer County Planning Department	Williamson Act contract information (current and expired) by parcel	Western Placer County (excluding Roseville)	Diana Stralberg, Placer County	530-889-7470	1999	
Water agency customers	Placer County Water Agency (PCWA), Nevada Irrigation District (NID), South Sutter Irrigation District	Current raw water customers in Placer County by parcel	Western Placer County	Diana Stralberg, Placer County	530-889-7470		
Important Farmlands	California Department of Conservation (DOC)	Prime and other special status farmlands; current urban areas	Placer, Nevada, El Dorado, Sacramento, Sutter, Yuba Counties	Blake Rushworth, FMMP	916-324-0859	1996/ 1998	1:24,000
<b>Topography, Soils and Hydrography</b>							
30m DEM	U.S. Geological Survey (USGS)	Mosaic generated from 1:24000 quads	Placer County	Diana Stralberg, Placer County	530-886-3383		30 meters

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Geology	California Division of Mines and Geology	Major geologic units	Placer County				
Soil survey geographic (SSURGO) database	Natural Resource Conservation Service (NRCS)	Soil types and various attributes, including texture, slope, permeability, etc.	Western Placer County	Daryl Lund, NRCS	916-792-5631	1998 (1980 soil survey)	1:24,000
State soil geographic (STATSGO) database	Natural Resource Conservation Service (NRCS)	Soil types and various attributes, including texture, slope, permeability, etc.	Placer County			1997	1 kilometer grids
Sierra Nevada soil types	USDA Forest Service (USFS)	Soil types	Tahoe National Forest	Brian Schwind, USFS	916-454-0805		1:24,000
Sierra Nevada soil attributes	USDA Forest Service (USFS)	Rangeland Emphasis, Low Site Timberland, Sensitive Soils, Timber Yield, Unsuitable Forest Land, Land Suitability Class	Tahoe and El Dorado National Forests; Tahoe Management Unit	Brian Schwind, USFS	916-454-0805		1:24,000
Mehrten volcanic mudflow areas	California Department of Fish and Game (CDFG)		Western Placer County	Monica Parisi, CDFG	916-327-8822	1994	1:24,000
Floodplains	Federal Emergency Management Agency (FEMA)	100-year floodplains	Placer County	FEMA Mitigation Directorate	800-358-9616	1996	1:24,000
Hydrography	Teale Data Center	Water features, including streams (perennial and intermittent) and canals	Placer County and parts of surrounding counties	Roger Ewers, Teale Data Center	916-263-1488	1998	1:24,000
Water delivery infrastructure	Placer County Water Agency (PCWA)	Raw water canals (PCWA, NID, PG&E) and PCWA zones	Placer County	Harry Oliver or David Crosby, PCWA	530-823-4892		
Watershed boundaries	California Department of Forestry and Fire Protection (CDF/FRAP)	Watershed boundaries	Placer, El Dorado, Nevada, Yuba, Sutter, Sacramento and Yolo Counties	Andy Richardson, CDF	916-263-3649	1999	1:24,000
Western Placer watershed boundaries	Placer County Department of Public Works	Coon Creek, Auburn Ravine, Markham Ravine, Pleasant Grove and Dry Creek watershed and subshed boundaries	Western Placer County	Diana Stralberg, Placer County	530-886-3383		

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<b>Vegetation and Landcover</b>							
National Wetlands Inventory	Environmental Protection Agency (EPA)	Wetland classifications	Western Placer County (twelve 7.5" quad sheets)	Chief Cartographer, National Wetlands Inventory	813-570-5411		1-3 acres
Central Valley Wetlands and Riparian Vegetation	California Department of Fish and Game (CDFG)	Vegetation/landcover	Valley portion of Placer County	Kari Lewis, CDFG	916-322-1869	1997 (1993 satellite imagery)	30 meters
Central Sierra Vegetation	California Department of Forestry and Fire Protection (CDF/FRAP) and Pacific Meridian Resources (PMR)	Vegetation/landcover by Calveg and WHR types	Foothill portion of Placer County	Mark Rosenberg, CDF	916-227-2658	1998 (1996 satellite imagery)	30 meters
Sierra Nevada Vegetation	USDA Forest Service (USFS)	Vegetation/landcover by Calveg type	Tahoe and Eldorado National Forests, Tahoe Management Unit	Brian Schwind, USFS Remote Sensing Lab	916-454-0805	1993	2.5 acres
Martis Valley Vegetation	Placer County Planning Department	Martis Valley vegetation	Martis Valley	Diana Stralberg, Placer County	530-889-7470	1974	
Foothill Riparian Zones	California Department of Forestry and Fire Protection (CDF/FRAP)	Hardwood rangeland, within 375 meters of streams	Foothill portion of Placer County	Shawn Saving, CDF/FRAP	916-227-2655	1996	40 acres
Riparian woodland delineations	Foothill Associates	Riparian zone extent with species composition, structure and quality attributes	Placer County, west of Hwy 49	Diana Stralberg, Placer County Planning Dept.	530-886-3383	1999	
Vernal Pools (in progress)	North Fork Associates (Jeff Glazner)	Vernal pool mapping and characterization	Western Placer County	Diana Stralberg, Placer County Planning Dept.	530-886-3383	1999	
Holland vernal pool complexes	California Department of Fish and Game (CDFG)		Western Placer County	Monica Parisi, CDFG	916-327-8822	1998	40 acres
Vernal Pools	California Department of Fish and Game (CDFG)	Centroids of delineated vernal pools (created and natural)	Western Placer County	Monica Parisi, CDFG	916-327-8822		

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Grassland Habitat	Placer County Planning Department	"Best" remaining grasslands for wildlife habitat	Western Placer County	Diana Stralberg, Placer County	530-886-3383	1999	1:100,000
Wet meadows	USDA Forest Service (USFS)	Wet meadow locations	Tahoe and El Dorado National Forests	Alan Doerr, USFS	530-478-6252	1999	1:24,000
Old growth forest significance	USDA Forest Service (USFS)	Old growth ranking	Tahoe and El Dorado National Forests	Brian Schwind, USFS	916-454-0805		1:24,000
Fuel hazard ranking	California Department of Forestry and Fire Protection (CDF/FRAP)		Placer County	Mark Rosenberg, CDF	916-227-2658		30m
Fire history	California Department of Forestry and Fire Protection (CDF/FRAP)		Placer County	Mark Rosenberg, CDF	916-227-2658	1998	10-300 acres
California change detection project	California Department of Forestry and Fire Protection (CDF/FRAP) and USDA Forest Service (USFS)	Vegetation change over 5-year period	Placer, Nevada Counties	Lisa Levin, USFS	916-454-0803	1999	2.5 acres
Other National Forest biological resource information	USDA Forest Service (USFS)	Wilderness areas, critical plant habitat areas, streamside/riparian management zones, enhanced riparian zones, fire history, et al.	Tahoe and El Dorado National Forests; Tahoe Management Unit	Brian Schwind, USFS	916-454-0805		
Weislander historic vegetation	California Department of Forestry and Fire Protection (CDF/FRAP)	Historic vegetation (1949)	Placer County	Mark Rosenberg, CDF	916-227-2658	1949	1:100,000
Kuchler potential vegetation	California Department of Forestry and Fire Protection (CDF/FRAP)	Potential vegetation	Placer County	Mark Rosenberg, CDF	916-227-2658	1976	1:1,000,000
Forest Service historic vegetation	USDA Forest Service (USFS)	Historic vegetation (1934)	California	Brian Schwind, USFS	916-454-0805		
<b>Species</b>							
California Academy of Science zoological specimens	California Academy of Science	Zoological specimens by collection location	Placer County	Diana Stralberg, Placer County Planning Dept.	530-886-3383	1999	
California Spotted Owl territories	California Department of Fish and Game (DFG)		Sierra Nevada	Gordon Gould, CDFG	916-654-4264	1998	

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Critical plant habitat	USDA Forest Service (USFS)		Tahoe National Forest	Brian Schwind, USFS	916-454-0805		
Owl locations	USDA Forest Service (USFS)		Tahoe and El Dorado National Forests	Brian Schwind, USFS	916-454-0805		
Bird nest sites	USDA Forest Service (USFS)	Goshawk, Osprey nest sites	Tahoe National Forest	Brian Schwind, USFS	916-454-0805		
Deer management areas	USDA Forest Service (USFS)		Tahoe and El Dorado National Forests	Brian Schwind, USFS	916-454-0805		
Goshawk nest groves	USDA Forest Service (USFS)		Tahoe and El Dorado National Forests	Brian Schwind, USFS	916-454-0805		
Willow Flycatcher and Great Gray Owl locations	USDA Forest Service (USFS)	Known Willow Flycatcher and Great Gray Owl territories	Tahoe National Forest	Alan Doerr, USFS	530-478-6252		
Natural Diversity Database (NDDDB) polygons	California Department of Fish and Game (CDFG)		Placer County			1999	
Natural Diversity Database (NDDDB) points	California Department of Fish and Game (CDFG)		Placer County			1999	
Anadromous fish locations	Placer County Planning Department	Stream reaches with known Chinook Salmon populations (reoccurring or occasional use)	Western Placer County	Diana Stralberg, Placer County	530-889-7470	1999	1:100,000
Swainson's Hawk locations	Placer County Planning Department	Known Swainson's Hawk territories and nest sites	Western Placer County	Diana Stralberg, Placer County	530-889-7470	1999	1:100,000
Burrowing Owl locations	Placer County Planning Department	Known Burrowing Owl territories	Western Placer County	Diana Stralberg, Placer County	530-889-7470	1999	1:100,000
Spadefoot Toad location	Placer County Planning Department	Spadefoot Toad sighting	Western Placer County	Diana Stralberg, Placer County	530-889-7470	1999	1:100,000
Placer County vertebrate species records	Placer County Planning Department	Recorded locations of several sensitive species (collected from local biologists and consultants by Brian Williams)	Placer County	Diana Stralberg, Placer County	530-889-7470	1999	1:24,000

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Birding Hotspots	Placer County Planning Department	Birding "hotspots" as identified by local birders.	Western Placer County	Diana Stralberg, Placer County	530-889-7470	1999	1:100,000
Central Valley Steelhead Evolutionarily Significant Unit (ESU)	National Marine Fisheries Service (NMFS)			Steve Stone, NOAA	503-231-2317		1:100,000 to 1:250,000
Central Valley Chinook Salmon Evolutionarily Significant Unit (ESU)	National Marine Fisheries Service (NMFS)			Steve Stone, NOAA	503-231-2317		1:100,000 to 1:250,001
Vertebrate Species Distributions	GAP Analysis Project (UCSB, USGS, CDFG)	Species habitat suitability by Calv	Placer County	Frank Davis, UCSB	805-893-7044	1999	
WHR species range maps	California Department of Fish and Game (CDFG)		California	Monica Parisi, CDFG	916-327-8822		
<b>Recreational, Scenic and Cultural Resources</b>							
Wild and Scenic Rivers	USDA Forest Service (USFS)	Wild, scenic and recreational rivers, existing and proposed	Tahoe and Eldorado National Forests	Brian Schwind, USFS Remote Sensing Lab	916-454-0805	1992	1:24,000
Forest Service roads and trails	USDA Forest Service (USFS)		Tahoe and Eldorado National Forests, Tahoe Management Unit	Brian Schwind, USFS Remote Sensing Lab	916-454-0806	1985/86	1:24,000
Sierra Nevada trails, trailheads and recreational resources	Tahoe National Forest		Tahoe National Forest	Rich Johnson, TNF, Foresthill Ranger District	530-367-2224	1999	
Major trailheads	Placer County Planning Department	Locations of major, marked trailheads	Placer County	Diana Stralberg, Placer County	530-886-3383	1999	1:100,000
National Register of Historic Places	Placer County Planning Department	Names and national register ID numbers	Placer County	Diana Stralberg, Placer County	530-886-3383	1999	
California Historical Landmarks (statewide importance)	Placer County Planning Department	Names and state register ID numbers	Placer County	Diana Stralberg, Placer County	530-886-3383	1999	
California Points of Historical Interest (local importance)	Placer County Planning Department	Names	Placer County	Diana Stralberg, Placer County	530-886-3383		
Historic districts	Placer County Planning Department	Names	Placer County	Diana Stralberg, Placer County	530-886-3383		

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Unregistered places of historical/cultural significance (Placer County treasures)	Placer County Planning Department	Names	Placer County	Diana Stralberg, Placer County	530-886-3383		
Historic Lincoln Highway (Taylor & Sisley Roads)	Placer County Planning Department		Western Placer County	Diana Stralberg, Placer County	530-886-3383		